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UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Confirmation No.: 8519

James M. Barton, et al.

Group Art Unit No.: 2616

Serial No.: 09/665,921

Examiner: Jamie J. Vent

Filed on: September 20, 2000

For:

CLOSED CAPTION TAGGING SYSTEM

REVOCATION AND NEW APPOINTMENT OF POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned representative of TiVo Inc., a Delaware corporation, having a principle place of business at 2160 Gold Street, P. O. Box 2160, Alviso, California 95002, owner by virtue of assignment of the above-identified patent application, hereby revokes any and all previous Powers of Attorney and appoints the following practitioners associated with Customer Number 29989, who are practitioners of HICKMAN PALERMO TRUONG & BECKER, LLP, as attorneys and/or agents to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith, and all future correspondence should be to them.

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CERTIFICATION UNDER 37 C.F.R. 3.73(b)

I, the undersigned, certify that I am an individual empowered to act on behalf of TiVo Inc., a corporation, the assignee of the entire right, title and interest of the above-captioned patent by virtue of an assignment from the inventor(s) of said application.

I further certify that I have reviewed all the documents in the chain of title of the patent identified above, that the Assignment has been recorded in the U.S. Patent and Trademark Office at reel no. ___011178___, frame __0593___, that I have reviewed the Assignment recorded at said reel and frame, and that to the best of my knowledge and belief title is in the above-noted assignee.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 4/11/05

James M. Barton Title: Chief Technical Officer



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on N

May 6, 2005

Annette Jacobs